Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093058.D
Acq On : 21 Feb 2017 6:45
Operator : SJ/MA
Sample : PB97045BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97045BSD

Manual Integrations APPROVED
mohammad
2/21/2017 3:58:02 PM

Quant Time: Feb 21 07:16:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150411	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	594588	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	286526	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	470857	20.00	ng		0.00
75) Chrysene-d12	14.01	240	281939	20.00	ng		-0.01
86) Perylene-d12	15.44	264	291106	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	796966	90.90	ng		0.00
7) Phenol-d6	6.49	99	953122	84.49	ng		0.00
23) Nitrobenzene-d5	7.41	82	894079	83.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	187527	90.49	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1606793	101.60	ng		0.00
78) Terphenyl-d14	12.96	244	1035358	86.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	158806	33.52	ng		88
3) Pyridine	3.20	79	409247	33.97	ng		87
4) n-Nitrosodimethylamine	3.15	42	248612	43.95	ng		85
6) Aniline	6.51	93	368661	23.96	ng	#	52
8) 2-Chlorophenol	6.64	128	436913	45.17	ng		89
9) Benzaldehyde	6.38	77	65849	8.15	ng	#	78
10) Phenol	6.50	94	526265	39.87	ng		85
11) bis(2-Chloroethyl)ether	6.58	93	437182	41.50	ng		91
12) 1,3-Dichlorobenzene	6.78	146	482220m	42.57	ng		
13) 1,4-Dichlorobenzene	6.86	146	499155	43.53	ng		95
14) 1,2-Dichlorobenzene	7.01	146	436829	39.84	ng		96
15) Benzyl Alcohol	6.99	79	355338	42.55	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	752515	41.12	ng		96
17) 2-Methylphenol	7.12	107	379294	45.71	ng		98
18) Hexachloroethane	7.36	117	162540	41.53	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	299242	41.67	ng		95
20) 3+4-Methylphenols	7.26	107	442534	44.61	ng	#	74
22) Acetophenone	7.26	105	570247	42.01	ng	#	94
24) Nitrobenzene	7.44	77	469901	42.86	ng		98
25) Isophorone	7.68	82	881106	44.28	ng		96
26) 2-Nitrophenol	7.76	139	261849	50.24	ng		90
27) 2,4-Dimethylphenol	7.80	122	419584	45.84	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	589398	44.73	ng		100
29) 2,4-Dichlorophenol	8.00	162	363781	42.62	ng		88
30) 1,2,4-Trichlorobenzene	8.08	180	379860	41.29	ng		94
31) Naphthalene	8.16	128	1171447	38.87	ng		99
32) Benzoic acid	7.94	122	227037	44.41	ng		94
33) 4-Chloroaniline	8.21	127	147640	12.49	ng		96
34) Hexachlorobutadiene	8.27	225	192778	38.09	ng		99
35) Caprolactam	8.58	113	122496	45.62	ng	#	29
36) 4-Chloro-3-methylphenol	8.70	107	397187	44.63	ng		97
37) 2-Methylnaphthalene	8.85	142	847967	43.82	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	341169	42.42	ng		99
40) Hexachlorocyclopentadiene	9.00	237	251349	69.27	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	252387	47.76	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	256562	44.31	ng	#	82
45) 1,1'-Biphenyl	9.31	154	919272	44.31	ng		96
46) 2-Chloronaphthalene	9.34	162	772590	47.60	ng		96
47) 2-Nitroaniline	9.44	65	231983	42.51	ng		95
48) Acenaphthylene	9.76	152	1261658	45.00	ng		98
49) Dimethylphthalate	9.62	163	921013	47.72	ng		99
50) 2,6-Dinitrotoluene	9.69	165	206021	49.43	ng	#	77
51) Acenaphthene	9.93	154	739506	44.11	ng		96
52) 3-Nitroaniline	9.85	138	110939	23.26	ng		98
53) 2,4-Dinitrophenol	9.96	184	170112	80.22	ng	#	73
54) Dibenzofuran	10.10	168	1085190	48.40	ng		94
55) 4-Nitrophenol	10.03	139	317196	92.33	ng	#	75
56) 2,4-Dinitrotoluene	10.09	165	255816	46.10	ng		96
57) Fluorene	10.44	166	830804	48.16	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	182857	47.34	ng		98
59) Diethylphthalate	10.32	149	874237	48.07	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	358326	43.24	ng		89
61) 4-Nitroaniline	10.46	138	190346	38.96	ng		92
62) Azobenzene	10.59	77	951858	50.66	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	133716	46.73	ng		94
65) n-Nitrosodiphenylamine	10.56	169	749300	49.82	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	228749	46.50	ng		90
67) Hexachlorobenzene	10.99	284	217944	44.83	ng		94
68) Atrazine	11.08	200	225567	46.73	ng		98
69) Pentachlorophenol	11.18	266	208309	82.74	ng		97
70) Phenanthrene	11.40	178	1172803	43.48	ng		98
71) Anthracene	11.45	178	1105521	40.81	ng		99
72) Carbazole	11.61	167	982282	37.93	ng		99
73) Di-n-butylphthalate	11.94	149	1420603	50.73	ng	#	96
74) Fluoranthene	12.59	202	1055966	37.95	ng		92
76) Benzidine	12.71	184	331165	27.56	ng		98
77) Pyrene	12.82	202	1008284	47.79	ng		98
79) Butylbenzylphthalate	13.44	149	496246	57.92	ng	#	76
80) Benzo(a)anthracene	14.00	228	717952	41.64	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	204064	33.20	ng	#	97
82) Chrysene	14.03	228	691793	42.85	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	612066	52.23	ng		100
84) Di-n-octyl phthalate	14.60	149	1006097	52.73	ng		100
85) Indeno(1,2,3-cd)pyrene	16.85	276	851400	68.08	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	877503m	45.80	ng		
88) Benzo(k)fluoranthene	15.06	252	544810m	32.93	ng		
89) Benzo(a)pyrene	15.38	252	721967	43.56	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	710076	53.01	ng		98
91) Benzo(g,h,i)perylene	17.28	276	729464	53.91	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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